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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

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Sep 1964, pp 12-16.
HB 6298

Sci/M&M
Apr 65

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Study of the Process of Drawing Down Heavy
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the Ingot, by G. Juretzek, G. Richter.
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No 10, Oct 1964, pp 4-8.
HB 6425

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May 65

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No 11, 1964, pp 37-39.
HB 6662

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Apr 66

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ID 2244398
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V. G. Berestetskiy, 549 pp.

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1953.

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Sci - Physics
Aug 57

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Jul 66

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Ave., N. W., Washington, 5, D. C.

I. Sokolov, A. A.
II. Loskutov, Yu. M.
III. Scripta Technica, Inc.,
Washington, D. C.

Trans. of mono. [Kvantovaya Mekhanika, Moscow,
1962, 590p].

DESCRIPTORS: *Quantum mechanics, Nuclei, *Ele-
mentary particles, *Field theory, *Relativity theory,
Spin.

(Physics--Theoretical, TT, v. 10, no. 12)

Office of Technical Services

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MT-24-250-69

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Jan 65

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ACSI I-6186
ID 2204055764

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Apr 65

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RUSSIAN, rpt, L Vestn. Kiyevsk. politekhn. in-ta.
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7 pp.

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AP 601859

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Economic-Industrial Protection

Feb 54/CTS 6497

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Petroleum, 5 pp.

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pp 9-12.

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Vol 2, No 6

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*ACSI I-1368
ID 2198519

Sci - Med

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Sci-Chem
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Quantitative Determination of Amino Acids on Chromatograms by Means of the Formation of Copper Derivatives With Ninhydrin, by G. N. Zaitseva, N. P. Tyuleneva, 7 pp.

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Vol 2, No 5

61-19718

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THE RELATION OF THE SACCAROLYTIC PROPERTIES OF LISTERIA TO THE pH OF THE MEDIUM.
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Order from OTS or SLA \$1.10 61-19718

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no. 3, p. 44-46.

DESCRIPTORS: *Listeria, *Hydrogen ion concentration,
Physiology.

155166

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(Biological Sciences--Microbiology, TT, v. 6, no. 8)

61-12601

Mokhov, L. A., Udalov, Yu. F., and Khalturin, V. S.
 QUANTITATIVE DETERMINATION OF NITRITES
 AND OXIDES OF NITROGEN IN PUBLIC HEALTH
 PRACTICE, tr. by E. R. Hope. Sep 60, 2p. 2 refs.
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 Order from NRCC mi\$0.50, ph\$1.50 NRCC C-3474

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 no. 2, p. 43-46.

1. Nitrogen oxides--
 Determination
2. Nitrites--Determination
3. Public health
- I. Mokhov, L. A.
- II. Udalov, Yu. F.
- III. Khalturin, V. S.
- IV. DSIS-T-341-R-9043754
- V. NRCC C-3474
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 Information Services
 (Canada)

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(Engineering--Sanitation, TT, v. 5, no. 8)

Method for Bacteriological Investigation of the
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USDA

Sci - Biol

Oct 60

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Trans. V-1607

5072200

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sions of aerosol particles]Laboratornoe Delo. 5(5):42. Sept./Oct.,
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Quantitative Determination of Nitrites and
Oxides of Nitrogen in Public Health Practice,
by L. A. Mokhvo, Yu. F. Udalov.
RUSSIAN, per, Laboratornoye Delo, Vol 5, No 2,
1959, pp 45-46.
DHS Canada
T 341 R

Nov 69

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Development of Sanitary and Bacteriological
Laboratories in Moscow Province for Forty Years,
by V. A. Bashenin, E. V. Shestakova,

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Dec 1959, p 55-.

*USDA

Sci - Med
Sep 60

List 32

S-134/60

(NY-3546).

Medium For Detecting Toxic Strains of Cl.
Perfringens Type A, B, C, D, F, by B. D. Bychenko.
5 pp.

RUSSIAN, per, Laboratornoye Delo, No 1, 1960,
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JPRS 2558

Sci - Biology
May 60

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Trans. V-1659

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SHAPOSHNIKOV, E. A.

Premenenie apparata Yu. A. Krotova dlya
bakteriologicheskogo issledovaniya vozdukha
na gorodskom transporte

[Use of Yu. A. Krotov's apparatus for
bacteriological analysis of the air in
urban transportation conveyances]

Laboratornoe Delo 6(2):53-54. Mar./Apr. 1960.

Not in DA Lib. SWA 61-19650

(In Russian) Kafedra Gig. (Zav. - Prof. F.S.
Okolov) Kubanskogo Meditsinskogo
Instituta

The Problem of Early Diagnosis of Cancer of the
Uterine Cervix, by N. V. Fedorova, 4 pp.

RUSSIAN, per, Laboratornoye Delo, Vol VI, No 3,
May/Jun 1960, pp 4-6.

JPRS 3911

Sci - Med

Sep 60

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Laznikova, T.N., Makarevich, V.G. and Trofimova, T.G.

DÉTERMINATION COLORIMÉTRIQUE DE LA CHLOROTETRACYCLINE DANS UN BOUILLON DE CULTURE TROUBLE (Colorimetric Determination of Chlortetracycline in Turbid Culture Liquids). 4p. 1ref.

CNRS-XXI 307.

Order from OTS, ETC or CNRS \$1.10 TT-62-28906

Trans. in French of Laboratornoe Delo (USSR) 1960, v.6, no.4, p.23-24.

DESCRIPTORS: *Chlortetracycline, Culture media, Actinomyces, Colorimetric analysis.

TT-62-28906

I. Laznikova, T.N.

II. Makarevich, V.G.

III. Trofimova, T.G.

IV. CNRS-XXI 307

V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

(Chemistry--Analytical, TT, v. 11, no. 7)

Brucella (NY 6287)
~~A Simplified Method of Isolating Brucella Hemo-~~
cultures, by O. P. Dushina, N. I. V. *et al.*
Rk, B. *et al.*
RUSSIAN, per, Laboratornoye Delo, Vol VI, No 5,
1960, pp 5-7.

*JPRS

Sci - Med

1 Jun 61

~~_____~~
The Possibility of Using an Antigen From Khar'kov
Biofabrika for the Serodiagnosis of Brucellosis in
Humans, by N. I. Veden'yeva, Kh. B. Guz, Ya. L.
Svitsent,

RUSSIAN, per, Laboratornoye Delo, Vol VI, No 5, 1960,
pp 6-7.

Sci - Med

29 May 61

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*BU/Special

(8F-1414)

The Methodology of Investigated Gas Metabolism in
the Inspiration of Large Concentrations of Oxygen,
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JPRS 4381

Sci - Med

Feb 61

140,966

A New Device for Bacteriological Investigation of
the Air of High Altitudes, by Ya. G. Kishko, V. I.
Filipov.

RUSSIAN, per, Lab Dolo, No 5, 1960, pp 51-53.
CIA 9074554

USDA

Sci - Biology
Feb 61

138,477

(NY-6116)

Rastinon and Its Effect on the Peripheral Blood,
by L. A. Golubeva, 4 pp.

RUSSIAN, per, Lab Delo, Vol VI, No 6, Nov/Dec 1960,
pp 3, 4.

JPRS 9160

15,238

Sci - Med

May 61

(NY-6116)

Concerning the Methods of Virological Study of the
Blood of Leucosis Patients, by G. A. Piskunova,
A. S. Shubin, V. N. Kolaykova, 11 pp.

RUSSIAN, per, Laboratornoye Delo, Vol VI, No 6,
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JPRS 9161

Sci - Med

May 61

154,442

Selective Medium for the Isolation of Streptococcus
Viridans From the Air, by L. S. Serechinskaya.

RUSSIAN, per, Lab Dalo, Vol VI, No 6, 1960, pp 26, 27.

9075520

USDA

Sci - Medicine
Feb 61

140, 114

Culture Medium for the Cultivation of the Anthrax
Bacillus in Capsule Form, by A. V. Mashkov.

RUSSIAN, per, Lab Delo, Vol VI, No 6, 1960, pp 27-29.
CIA 9075521

Sci - Medicine
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USDA

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H. P. 11.275

143,452

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S-136/61

(SF-1628).

Histochemical Cytodiagnosis of Cancer of the Uterine
Cervix, by A. V. Khokhlov, Ye. F. Opaleva, *et al.*

RUSSIAN, per, Laboratornoye Delo, Vol VII, No 2, 1961,
pp 10-11.

**JPRS 4573*

Sci - Med

13 Mar 61

S-136/61

(SF-1628).

Luminescent Microscopy in the Cytodiagnosis of
Cancer of the Uterine Cervix, by A. V. Khokhlov,
Ye. F. Opaleva, 2 pp

RUSSIAN, per Laboratornoye Delo, Vol VII, No 2, 1961,
pp 12.

JPRS

4573

Sci - Med

13 Mar 61

(NY-6290)

An Experiment in Obtaining Cultures From a Single
Bacterial Cell, by P. I. Yemel'yanov, 6 pp.

RUSSIAN, per, Laboratornoye Delo, No 3, 1961,
pp 29-31.

JPRS 9315

Sci - Biol

155,084

Jun 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

(HY-6280)

A New MX Instrument for Bacteriological Investigation of Air B at Negative Temperatures, by V. S. Kiktenko, N. I. Kashanova, S. I. Kudryavtsev, N. I. Pushchin, 5 pp.

RUSSIAN, per, Laboratornoye Delo, No 3, 1961, pp 38-40.

JPRS 9316

155,479

Sci - Biol
Jun 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

S-225/61

(NY-6350).

Bacterial Contamination in a Motion Picture Theater,
by V. P. Yelfimov, V. K. Mayveyuk,

RUSSIAN, per, Laboratornoye Delo, Vol VII, No 3,
1961, pp 42-43.

6 *JPRS

9076

Sci - Med

4 May 61

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CIA-RDP84-00581R000300840019-3

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300840019-3

(DC-6614)

Method of Artificially Infecting Ixodes Ticks
With Toxoplasma, by S. F. Shimanskiy,
N. F. Gamaleya, 5 pp.

RUSSIAN, per, Laboratornoye Delo, Vol VII,
No 6, 1961, pp 49-50.

JPRS 13094

Sci - Med
Apr 62

190,616

(NY-6800)

An Apparatus for the Automatic Counting
of Bacterial Aerodol & Particles, by
V. S. Kiktenko, Yu. P. Safronov,
S. I. Kudryavtsev, R. I. El'man,
B. F. Fyedorov, et al, 6 pp.

RUSSIAN, per, ~~Laboratornoye Delo~~,
Vol VII, No 10, 1961, pp 57-60

JPRS 11238

176, 215

Sci - Chem
Dec 61

(HY-7117)

Dry Medium for Diagnosis of Alimentary
Intoxications Due to *Clostridium Botulinum*
and *Clostridium Parfringens*, by L. G.
Ivanova, T. I. Sergeyeva, 11 pp.

RUSSIAN, per, Lab Delo, No 4, 1962,
pp 33-36.

JPRS 14033

Sci - Chem
Jun 62

199.220

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CIA-RDP84-00581R000300840019-3

63-19382

Senenko, A. N.
DETERMINATION OF THE OSMOTIC RESISTANCE
OF THE LEUKOCYTES. [1963] [12]p. 11 refs.
FASEB manuscript no. S 208-2.
Order from OTS or SLA \$1.60

63-19382

Trans. of Laboratornoe Dallo (USSR) 1962 [v. 8]
no. 7, p. 9-14.

DESCRIPTORS: *Osmotic pressure, *Leukocytes,
Blood, Cells (Biology), Determination, Diseases,
Spleen, Physical properties, Biochemistry, Solutions,
Permeability.

Determination of the osmotic resistance of the
leukocytes is an additional method of investigation
giving evidence of changes in their physico-chemical
properties. When the osmotic resistance of the
leukocytes to a 0.2% solution of sodium chloride was
(Biological Sciences--Pathology, TT, v. 10, no. 2)
(over)

- I. Senenko, A. N.
- II. FASEB S-208-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-19383

Dantsig, I. I. and Kantorovich, A. S.
A TURBIDIMETRIC MODIFICATION OF THE ESTI-
MATION OF FIBRINOGEN USING A PHOTOELEC-
TRIC COLORIMETER. [1963] [6]p. 7 refs. FASEB
manuscript no. S 211-2.

Order from OTS or SLA \$1.10

63-19383

Trans. of Laboratornoe Delo (USSR) 1962, v. 8, no. 7,
p. 22-24.

DESCRIPTORS: *Fibrinogen, *Blood proteins,
Quantitative analysis, Photoelectric effect, *Colorimet-
ric analysis, Diseases.

- I. Title: Turbidimetric
analysis
- I. Dantsig, I. I.
- II. Kantorovich, A. S.
- III. FASEB S-211-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- V. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Biochemistry, TT, v. 10, no. 3)

Office of Technical Services

Gusev, S. I. and Sokolova, E. V.
VOLUMETRIC MICRODETERMINATION OF CHLO-
RIDES IN SUBSTANCES OF BIOLOGICAL ORIGIN.
[1963] [7]p. 5 refs. FASEB manuscript no. S 213-2.
Order from OTS or SLA \$1.10 63-19384

Trans. of Laboratornoe Delo (USSR) 1962, v. 8, no. 7,
p. 30-33.

DESCRIPTORS: *Volumetric analysis, *Microanalysis,
*Chlorides, Naphthalenes, Amines, Pyridines, Chemi-
cal reactions, Synthesis, Lead compounds, Complex
compounds, Chemical indicators, *Urine, *Blood
serum, Rabbits.

A method of determination of chloride ions by means
of β -hydroxynaphthylal- α -aminopyridine is described.
The method is sufficiently rapid, and is no less ac-
curate than the argentometric method. (Author)
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)

63-19384

- I. Gusev, S. I.
- II. Sokolova, E. V.
- III. FASEB S-213-2
- IV. Federation of American
Societies for Experimen-
tal Biology, Washington,
D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

63-23044

Raikher, I. I., Mirskova, V. N. and others.
FRACTIONATION OF IMMUNE SERA BY ELECTROPHORESIS ON STARCH PLATES. [1963] [8]p. 5 refs.
FASEB manuscript no. S 214-2.
Order from OTS or SLA \$1.10

63-23044

Trans. of Laboratornoye Delo (USSR) 1962, v. 8, no. 7,
p. 36-39.

DESCRIPTORS: Separation, *Proteins, *Immune
serums, *Electrophoresis, Starches.

A method for determining simultaneously several protein fractions present in immune sera is described. A potato starch solution mixed with a buffer solution is distributed over the bottom of a glass dish which is partitioned lengthwise by a glass rod. Two strips of filter paper are placed on the edge of the dish to make contact with the electrodes. A second layer of buffer (Biological Sciences--Biochemistry, TT, v. 10, no. 9)
(over)

- I. Raikher, I. I.
- II. Mirskova, V. N.
- III. FASEB S-214-2
- IV. Federation of American
Societies for Experimental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Sokolovskii, V. V.
 DETERMINATION OF BLOOD SULFHYDRYL GROUPS:
 BY AMPEROMETRIC TITRATION. [1963] [11]p. 5 refs.
 FASEB manuscript no. S 269-2.
 Order from OTS or SLA \$1.60

63-23007

Trans. of Laboratornoe Delo (USSR) 1962, v. 8,
 no. 8, p. 3-6.

DESCRIPTORS: *Blood chemistry, Diagnosis, Tests,
 *Thiols, Titration.

The apparatus, chemicals employed, and the pro-
 cedures used for determining the blood sulfhydryl
 groups by amperometric titration are described. It is
 suggested that this procedure can be widely applied in
 diagnosing specific pathology, or intoxications and in
 ascertaining the effectiveness of specific therapy. This
 method can be used in any regular biochemistry
 laboratory.

63-23007

- I. Title: Amperometric
titration
- I. Sokolovskii, V. V.
- II. FASEB S-269-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Pathology,
 TT, v. 10, no. 9)

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J-597/63

Instantaneous Method for Determining Blood Groups
and Rh-Factor in a Drop of Blood Taken From a Finger,
by Z. F. Vasil'yeva. (DC-8636)

RUSSIAN, per, Laboratornoye Delo, No 9, 1962, pp 5-9.

*JPRS 12-97

Sci - Med

May 63

TT-63-23898

Ustimenko, L. M.
THE CULTIVATION OF TREPONEMA PALLIDUM.
[1963] [14p] (figs omitted) 20 refs FASEB manuscript
no. S368-2.

Order from GTS, SLA, or ETC \$1.60 TT-63-23898
figs available on loan from OTS

Trans. of Laboratornoe Delo (USSR) 1962, v. 8, no. 9,
p. 15-19. (Abstract available)

DESCRIPTORS: *Treponema pallidum., *Culture media,
Anaerobiology, Spirochaetales.

It was found that the best media for cultivation of *T. pallidum* on the surface of solid medium are: 2% agar in Marten broth supplemented with 20% rabbit serum or 5-10% egg yolk. In order to create anaerobic conditions, the method of N. F. Kalashnikova gives the best results. *T. pallidum* colonies on the surface of solid medium. (Biological Sciences--Microbiology, TT, v. 11, no. 6)
(over)

- I. Ustimenko, L. M.
- II. FASEB S-368-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta, Technica, Inc., Washington, D. C.

Office of Technical Services

TT-64-13405

Mansurova, I. D.
MICROCHEMICAL INVESTIGATION OF CERTAIN
ENZYMES IN LIVER PUNCTURE SPECIMENS FROM
PATIENTS WITH EPIDEMIC HEPATITIS. [1963] [8p]
19refe FASEB manuscript no. S370-2.
Order from OTS, SLA, or ETC \$1.10 TT-64-13405

Trans. of Laboratornoe Delo (USSR) 1962, v. 8,
no. 9, p. 26-29.

DESCRIPTORS: Microanalysis, *Enzymes, Liver,
*Diagnostic agents, *Hepatitis, *Biochemistry.

(Biological Sciences--Pathology, TT, v. 11, no. 2)

- I. Mansurova, I. D.
- II. FASEB-S-370-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

TT-63-24518

Syudmak, N. V., Gultur, M. I., and Khudozhina, E. M.
 TRILONOMETRIC DETERMINATION OF CALCIUM AND MAGNESIUM IN THE CSF AND OTHER BIOLOGICAL FLUIDS. [1963] [9p] 18refs FASEB Manuscript no.: S 376-2.
 Order from OTS, SLA, or ETC \$1.10 TT-63-24518

Trans. of Laboratornoye Delo (USSR) 1962, v. 8, no. 9, p. 55-59. (Abstract available)

DESCRIPTORS: *Cerebrospinal fluid, Body fluids, Chemical analysis, Magnesium, Calcium, Diagnostic agents, Biological stains, Ion exchange, *Colorimetric analysis, *Chemical indicators, *Ethylenedinitrilo tetracetates,

The modified trilonometric method is suitable for use in the determination of the concentration of Ca and Mg in the CSF, blood serum and other biological fluids. (Biological Sciences--Pathology, TT, v. 11, no. 6)over

- I. Title: Trilon B
- I. Syudmak, N. V.
- II. Gultur, M. I.
- III. Khudozhina, E. M.
- IV. FASEB-S-376-2
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

63-23827

Litvinenko, S. N.
RAPID METHOD FOR BIOAUTOGRAPHIC DEVELOP-
MENT OF PAPER CHROMATOGRAMS IN WORK
WITH ANTIBIOTICS. [1963] [6p] 3 refs FASEB Manu-
script no. S 224-3.
Order from OTS or SLA \$1.10 63-23827

Trans. of Laboratornoe Delo (USSR) 1962, v. 8,
no. 10, p. 49-51.

DESCRIPTORS: *Paper chromatography, Drugs,
*Antibiotics, *Biological assay, Photographic recording
media, Biological stains.

(Biological Sciences--Pharmacology, TT, v. 10, no. 12)

- I. Litvinenko, S. N.
- II. FASEB S-224-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Murchakova, A. P. and Mishchenko, A. S.
 THE STERNAL MARROW AND PERIPHERAL BLOOD
 PROTEINS OF HEALTHY PERSONS. [1963] [7p] 6 refs
 FASEB Manuscript no.: S 225-3.
 Order from OTS, SLA, or ETC \$1.10 TT-63-24484

Trans of Laboratornoe Delo (USSR) 1962, v. 8,
 no. 11, p. 15-17. (Abstract available)

DESCRIPTORS: *Bone marrow, *Blood proteins,
 Blood chemistry, *Globulins, Electrophoresis,

The total protein of the serum of the sternal marrow
 refractometrically exceeds the serum protein of the
 peripheral blood on the average by 0.4 g%. It was shown
 by paper electrophoresis that the albumin content in the
 sternal marrow is lower than in the blood, on the aver-
 age by 3.8%. The content of β - and γ -globulins in the
 sternal marrow, on the contrary, was greater than that
 in the blood by 1.8 and 1.4% respectively. The differ-
 (Biological Sciences--Physiology, TT, v. 11, no. 6)
 (over)

TT-63-24484

- I. Murchakova, A. P.
- II. Mishchenko, A. S.
- III. FASEB-S-225-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Voitnikova, S. A.
THE BETA-LIPOPROTEINS OF THE BLOOD SERUM
IN EXPERIMENTAL CHOLESTEROL ATHEROSCLE-
ROSIS IN RABBITS. [1963] [7p] 7 refs FASEB
Manuscript no.: S 226-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24485

Trans. of Laboratornoe Delo (USSR) 1962, v. 8, no. 11,
p. 25-27.

DESCRIPTORS: *Lipoproteins, Blood serum, Choles-
terol, *Atherosclerosis, Blood chemistry.

The object of the investigation was to compare the value
of the turbidimetric method of determining β -lipopro-
teins when observing the degree of disturbance of the
lipid metabolism in rabbits with experimental athero-
sclerosis. (Author)

(Biological Sciences--Pathology, TT, v. 11, no. 5)

TT-63-24485

- I. Voitnikova, S. A.
- II. FASEB-S-226-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

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APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840019-3

TT-64-15409

Shiryayeva, V. L. and Pchelina, O. I.
THE USE OF LYOPHILIZED SPORES OF B.
MYCOIDES FOR TESTING ANTIBIOTIC ACTIVITY
(Primeneniye Liofilizirovannykh Spor v. Mycoides dlya
Issledovaniya Aktivnosti Antibiotikov). [1964] [9p]
FASEB Me no.: S690-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-15409

Trans. of Laboratornoe Delo (USSR) 1962, v. 8, no. 12,
p. 29-31.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

- I. Shiryayeva, V. L.
- II. Pchelina, O. I.
- III. FASEB-S-690-3
- IV. Federation of American
Societies for Experimental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-64-15408

Gol'dfarb, M. L., Gol'dfarb, D. M., Prozorovskii, S. V., and Sobolev, V. M.
 AUTOMATIC RECORDING OF GROWTH AND REPRODUCTION PROCESSES IN MICROORGANISMS
 (Avtomaticheskaya Registratsiya Protsessov Rosta i Razmnozheniya Mikroorganizmov). [1964] [20p]
 (foreign text included) FASEB Me no.: S691-3.
 Order from OTS, SLA, or ETC \$1.60 TT-64-15408

Trans. of Laboratory Delo (USSR) 1962, v. 8, no. 12, p. 41-45.

- I. Gol'dfarb, M. L.
- II. Gol'dfarb, D. M.
- III. Prozorovskii, S. V.
- IV. Sobolev, V. M.
- V. FASEB-S-691-3
- VI. Federation of American Societies for Experimental Biology, Washington, D. C.
- VII. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

(Biological Sciences--Microbiology, TT, v. 12, no. 3)

TELEVISION MICROSCOPY IN BIOLOGY AND MEDICINE,
BY M. P. ZYKOV, L. G. BAKINOVA, 5 PP.

RUSSIAN, PER, LABORATORNOYE DELO, NO 1,
1963, PP 3-5.

JPRS 18299

SCI - BIOL-MED SCI

APR 63

225,748

8-312/63

Average Diameter of Erythrocytes During Chronic
Action of Small Doses of Ionizing Radiation on
the Human Organism, by Ye. D. Gol'dberg, (~~SP 2578~~)
4pp.

RUSSIAN, per, Laboratornoye Delo, No 2, 1963,
pp 9-11.

JPRS 18938

Sci - Biol & Med Sci

FTO -77-63-784

Mar 63

The Relationship of Blood Enzyme Activity to
Indices of the Color Precipitation Reactions in
the Urine, by V. K. Golshmid. 8 pp.
RUSSIAN, per, Laboratornoe Delo, Vol 8, [i.e. 9],
No 1, 1963, pp 33-34.
SLA TT-64-19207

Sci/B&M
Jul 66

305,913

Dry Medium for the Diagnosis of Food Poisoning
Caused by Clostridium Botulinum and Clostridium
Perfringens, by L. G. Ivanova, et al.
RUSSIAN, per, Lab. Delo, Vol 8, No 4, 1963,
pp 33-36.
HEW NIH 6-69-66 (On Loan)

Sci/B&M
Jan 67

317,999

Air Po. 200

R-8161-D

3 April 67

Comparison of the Results of the Quantitative Determination of Carboxyhemoglobin in the Blood of Gasometric Photo and Spectrophotometric Methods

By: Dalsenko, I. I.

From: Lab Delo 9:8-15 May 1963

(8 pp)

Russian - est for wds:

Please translate and type 1 original copy and 1 carbon copy. Document can be cut.

Dudchik, G. Kh.
A SIMPLE APPARATUS FOR DETERMINATION OF
SMALL AMOUNTS OF AMMONIA. [1963] [8p]
10refs
Order from OTS, SLA, or ETC \$1.10 TT-63-20501

Trans. of Laboratornos Delo (USSR) 1963, v. 9,
no. 6, p. 61-63.

DESCRIPTORS: *Ammonia, Chemical analysis,
*Laboratory equipment, Biochemistry, Medical
research, Public health.

(Biological Sciences--Biochemistry, TT, v. 11, no. 2)

TT-63-20501

I. Dudchik, G. Kh.

Office of Technical Services

Gol'dberg, E. D., Golosov, O. S., Popandopulo,
S. I., and Teterina, V. I.
HEMATOLOGICAL INDICES OF THE HEALTHY
HUMAN SUBJECT. [1963] [6p] 9refs FASEB manuscript
no. S 367-2.

Order from OTS, SLA, or ETC \$1.10 TT-63-24513

Trans. of Laboratornoe Delo (USSR) 1963, v. 8
[i.e. 9] no. 9, p. 3-5.

DESCRIPTORS: *Hematology, Man, *Blood cells,
*Hemoglobin, Standards, Blood counts.

(Biological Sciences--Physiology, TT' v. 11, no. 5)

TT-63-24513

- I. Gol'dberg, E. D.
- II. Golosov, O. S.
- III. Popandopulo, S. I.
- IV. Teterina, V. I.
- V. FASEB-S-367-2
- VI. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VII. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Geller, B. S. and Il'yashenko, M. A.
DETERMINATION OF THE INCIDENCE OF SPUTUM-
POSITIVE CARRIERS WITH CLOSED FORMS OF
TUBERCULOSIS BY THE MICROCULTURE METHOD.
[1963] [7p] 7 refs

FASEB manuscript no. S 369-2.

Order from OTS, SLA, or ETC \$1.10 TT-63-24514

Trans. of Laboratornoe Delo (USSR) 1963, v. 8 [i.e. 9]
no. 9, p. 20-22. (Abstract available)

DESCRIPTORS: Diagnosis, *Tuberculosis, *Saliva,
*Disease carriers, Culture media, Identification,
Mycobacterium tuberculosis, Diagnostic agents,
*Histological techniques.

The method of microcultivation of *M. tuberculosis* gives
a higher percentage of positive findings of tubercle
bacilli than the bacterioscopic methods of investigation
(Biological Sciences--Microbiology, TT, v. 11, no. 4)
(over)

TT-63-24514

- I. Title: Microcultures
- I. Geller, B. S.
- II. Il'yashenko, M. A.
- III. FASEB-S-369-2
- IV. Federation of American
Societies for
Experimental Biology,
Washington, D. C.

Office of Technical Services

Methods of Obtaining Hydroxyproline and Proline in
Biological Liquids, by I.I. Piliv. A.A. Titaev.
RUSSIAN, per Lab. Delo, No. 9, 1963, pp 22-5
GB 352/254

Sci -
Sep 67

339-846

TT-63-24515

Kupershtein, A. P. and Roomere, P. A.
SEPARATE DETERMINATION OF THE BILIRUBIN
FRACTIONS IN EPIDEMIC HEPATITIS IN CHILDREN.
[1963] [12p] 13refs FASEB manuscript no. S 371-2.
Order from OTS, SLA, or ETC \$1.60 TT-63-24515

Trans. of Laboratories, Dolo (USSR) 1963, v. 8 [i.e. 9]
no. 9, p. 29-34. (Abstract available)

DESCRIPTORS: *Hepatitis, *Liver viruses, Bile
pigments, *Bilirubin, *Children, Diagnosis, Biliary
system, Diagnostic agents, Obstruction (Physiology)

A modification of Jendrasik's method of determination
of bilirubin fractions is suggested which allows a much
smaller volume of serum to be used and greatly
simplifies the investigation, especially if carried out on
a large scale. The separate determination of the
bilirubin fractions gives added information regarding
(Biological Sciences--Pathology, TT, v. 11, no. 4)
(over)

- I. Kupershtein, A. P.
- II. Roomere, P. A.
- III. FASEB-S-371-2
- IV. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Osipov, L. N.
SEPARATE DETERMINATION OF THE DIRECT AND
INDIRECT BILIRUBIN IN INFECTIOUS HEPATITIS
AND OTHER DISEASES. [1963] [10p] 11 refs FASEB
manuscript no. S 372-2.
Order from OTS, SLA, or ETC \$1.10 TT-63-24516

Trans. of Laboratornoe Delo (USSR) 1963, v. 8, [i.e. 8]
no. 9, p. 34-35. (Abstract available)

DESCRIPTORS: *Hepatitis, *Liver viruses, Bile
pigments, *Bilirubin, Diagnosis, Diagnostic agents,
Biliary system.

The increase in the bilirubin concentration in infectious
hepatitis is mainly due to the direct fraction. The
increase in the concentration of the indirect fraction is
evidence of the severity of the liver damage, and con-
(Biological Sciences--Pathology, TT, v. 11, no. 4)
(over)

TT-63-24516

- I. Osipov, L. N.
- II. FASEB-S-372-2
- III. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Berezovskii, B. S.
SUPPLEMENT TO THE PROCEDURE FOR THE
COLOR PRECIPITATION REACTION IN URINE.
[1963] [3p] FASEB manuscript no. S 329-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24507

Trans. of Laboratornoe Delo (USSR) 1963, v. 8
[i. e. 9] no. 1, p. 35.

DESCRIPTORS: *Urine, *Diagnosis, Colors, Chemical
precipitation.

(Biological Sciences--Pathology, TT, v. 11, no. 5)

TT-63-24507

- I. Berezovskii, B. S.
- II. FASEB-S-329-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-24517

Khazanov, M. Kh.
CONDUCT OF THE DIPHENYLAMINE TEST. [1963]
[11p] 4 refs FASEB manuscript no. S 374-2.
Order from OTS, SLA, or ETC \$1.60 TT-63-24517

Trans. of Laboratornoe Delo (USSR) 1963, v. 8 [i.e. 9]
no. 9, p. 44-48. (Abstract available)

DESCRIPTORS: Amines, Phenol radicals, Diagnosis,
*Rheumatic diseases, Inflammation, *Biochemical
tests, Medical examination.

It was found that, by comparison with (Standard Sub-
strate) (SS) glucose is much more sensitive to changes in
the concentration of sulfuric and acetic acids and in the
time and temperature of heating the samples. For
example, an increase of 10% in the concentration of the
sulfuric acid in solution B causes an increase of 20-30%
in the optical density of the glucose, and replacement of
(Biological Sciences--Pathology, TT, v. 11, no. 5)
(over)

- I. Title: Diphenylamine test
- I. Khazanov, M. Kh.
- II. FASEB-S-374-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

REPORT 1. Use of the Precipitation
Reaction in Agar for diagnosis, by
ru. H. Vaserin.
NISHMAN, per. Lab Belo, No 1, 1963,
pp 33-35.
Min 4-7-65

230,744

Sci-1/1
May 65

Mathematical Methods of Interpreting and Evaluating the Proteinogram and Their Practical Significance, by B. G. Kaplan and V. Ye. Gurvich, 8 pp.
RUSSIAN, per, Laboratornoye Delo, No. 11, 1963, pp. 8-12.
JPRS 41427

USSR
Sci-Math Sci
July 67

329,758

Safety in Laboratory Use of Radioactive Substances,
by I. A. Reformatzkiy, 37 pp.
RUSSIAN, bk, Laboratorii dlya Rabot s Radioaktivnymi
Veshchestvami, Moscow, 1963.
JPRS 25963

Sci - B & M
Aug 64

265,567

S-794/64

Chapter VI. Sanitary-Hygienic Requirements
During Work With Radiactive Substances, by
I. A. Reformatskiy. (SF-3293)

RUSSIAN, bk, Laboratorii Dlya Rabot s Radioaktivnymi
Veshchestvami, 1963, pp 71-88.

*JPRS

Sci - Biol & Med Sci
Jul 64

S-794/64

Appendix 1. Effect of Radiation on the Organism
and Dosimetric Units, by I. A. Reformatskiy.
(SF-3293)

RUSSIAN, bk, Laboratorii Dlya Rabot s Radioaktivnymi
Veshchestvami, 1963, pp 110-118.

*JPRS

Sci - Biol & Med Sci
Jul 64

S-794/64

Table of Contents. (SF-3293)

RUSSIAN, bk, Laboratorii Dlya Rabot s Radioaktivnymi
Veshchestvami, 1963, pp 127-128.

*JPRS

Sci - Biol & Med Sci
Jul 64

Laboratory Diagnosis of Cancer of the
Stomach, by A. Y. Althausen, 24p.
RUSSIAN, per, Laboratornaya Praktika,
Vol 15, No 5, 1940, pp 1-9.
FTS TT-65-60102

333, 611

Sci
Jul 67

Laboratory Application of the RNP Methods for
Interpretation of Materials in Connection With
Deep Seismic Soundings, by B. S. Vol'vovskiy,
I. S. Vol'vovskiy, et al.
RUSSIAN, Rpt, Laboratornoe Primenenie
Metoda RNP Dlya Interpretatsii Materialov Glub-
innogo Seismicheskogo Zondirovaniya, Moscow,
1960, pp 8-13.
ACIC

Sci Earth Sci & Astron
April 64

255,685

On the Rate of Levelling off of the Temperature
of Charged Particles in a Plasma, by R. R.
Ramazashvili, ~~XXXXXX~~ A. A. Rukhadze, et al.

RUSSIAN, ~~XX~~ per, Laboratoriya Uskoritelei,
Fiz Institut imeni P. N. Lebedev, M Akad Nauk
SSSR, 1962.

*AEE

Sci-Phys
June 3